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EXPRESS MAIL CERTIFICATE

Date 5/15/02 2864854645

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Jessica Rojas Jessica Rojas
Name (Print) Signature

PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR
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Customer No.:



Docket No.: 6670/OJ997

07278

PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Paul JOLLEZ; Esteban CHORNET; Sylvain CLOUTIER

Serial No.: 10/008,454 ✓

Filed: November 2, 2001

For: NEW PROCESS FOR PRODUCING LOW DP MICROCRYSTALLINE
CELLULOSE

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MAY 21 2002

GROUP 3600

May 15, 2002

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of
Patents and Trademarks
Washington, DC 20231

Sir:

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This Information Disclosure Statement is submitted in accordance with 37 C.F.R. 1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 C.F.R. 1.97, as it is filed: (Check one of the boxes A-D)

- ☐ A. Within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.
- ☒ B. before the mailing date of a first office action on the merits, or a first office action after filing a request for continued examination.
- ☐ C. after (A) and (B) above, but before the mailing date of a final rejection, a notice of allowance, or any other action that closes prosecution, and Applicants have made the necessary statement in box "i" below or paid the necessary fee in box "ii" below.

(check one of the boxes "i" and "ii" below:)

- ☐ i. Counsel states that, upon information and belief, each item of information listed herein was either (a) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (b) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.
- ☐ ii. A check for the fee set forth in 1. 17(p), presently believed to be \$180, is enclosed.
- ☐ D. after (A), (B) and (C) above, but before payment of the issue fee: Counsel states that, upon information and belief, each item of information listed herein was either (i) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the IDS; or (ii) was not cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, was not known to any individual designated in 1.56(c) more than three months prior to the filing of this IDS.
- ☐ i. A check for the fee set forth in 1.17 (p), presently believed to be \$180, is enclosed.

2. In accordance with 37 C.F.R. 1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached, except as explained below.

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(check boxes A and/or B and fill in blanks, if appropriate.)

- ☐ A. Document(s) _____ is (are) deemed substantially cumulative to document(s) _____, and, in accordance with 1.98(c), only a copy of each of the latter documents is enclosed.
- ☐ B. Certain documents were previously cited by or submitted to the Office in the following prior applications, which are relied upon under 35 U.S.C. 120:

[SERIAL NO. & FILING DATE].

Applicant Identifies these documents by attaching hereto copies of the forms PTO- 892 and PTO- 1449 from the files of the prior application(s) or a fresh PTO- 1449 listing these documents, and request that they be considered and made of record in accordance with 1.98(d). Per 37 CFR 1.98(d), copies of these documents need not be filed in this application.

☒ 3. Document Nos. 2, 4 and 5 are not in the English language. In accordance with 1.98(c), Applicant states:

- ☒ An English translation of the Abstract for each document (or of the pertinent portions thereof), or a copy of each corresponding English-language patent or application is enclosed.
- ☒ The requirement for a concise explanation of the relevance of any foreign language document is satisfied by the attached search report; citation of the documents cited in the search report shall not be construed as an admission that they are or are considered to be, material to patentability of the subject matter claimed herein (See MPEP §609).
- ☐ A concise explanation of the relevance of document(s) _____ is set forth as follows: [Insert concise explanation of relevance]
- ☐ A concise explanation of the relevance of document(s) _____ can be found on page(s) _____ of the specification.
- ☐ A concise explanation of document(s) _____ can be found on the attached sheet.

☐ 4. No explanation of relevance is necessary for documents in the English language (see MPEP § 609 A(3)).

☒ 5. Other information being provided for the examiner's consideration

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follows:

An International Search Report, dated April 3, 2002, which issued during the prosecution of PCT Application No. PCT/CA01/01550 which corresponds to the present application.

6. In accordance with 37 C.F.R. 1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless other-wise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

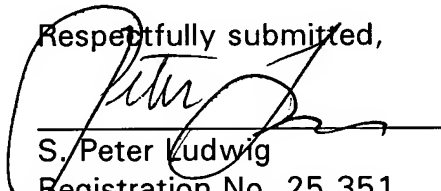
CROSS REFERENCE UNDER 37 C.F.R. §1.78 TO RELATED APPLICATIONS

Pursuant to 37 C.F.R. § 1.78, Applicant notes that the above-identified patent application may be related to the following U.S. Patent Applications:

(1) U.S. Patent Application Serial No. 60/245,148 filed November 3, 2000.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,



S. Peter Ludwig
Registration No. 25,351
Attorney for Applicant(s)

DARBY & DARBY P.C.
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New York, N.Y. 10022
(212) 527-7700

Docket No. 6670/OJ997



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

SHEET 1 OF 1
(REV. 7-80)**LIST OF REFERENCES CITED BY APPLICANT**

(Use Several Sheets if Necessary)

DOCKET NO.: 6670/OJ997
APPLICANT: Paul JOLLEZSERIAL NO: 10/008,454
FILING DATE: November 2, 2001
CONFIRMATION NO: 7397**U.S. PATENT DOCUMENTS**

<u>*EXAMINER</u> <u>INITIALS</u>	<u>DOCUMENT</u> <u>NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>FILING DATE</u>
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FOREIGN PATENT DOCUMENTS

<u>*EXAMINER</u> <u>INITIALS</u>	<u>DOCUMENT</u> <u>NUMBER</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>TRANSLATION</u> <u>YES</u> <u>NO</u>
	1. 99/60027	Nov. 1999	PCT	C08B	15/08	
	2. 1792942	Feb. 1986	Soviet Union	C08B	1/00	Abstract only
	3. 0170530	Jul. 1989	Europe	C13K	1/02	
	4. 7-102074	Apr. 1995	Japan	C08J	3/12	Abstract only
	5. 9-278674	Oct. 1997	Japan	A61K	47/36	Abstract only
	6. 2,137,890	Dec. 1994	Canada	C08B	15/00	
	7. 1,198,703	Dec. 1985	Canada	C08B	1/00	
	8. 2,313,261	May 1998	Canada	C08B	15/08	

OTHER REFERENCES**(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)***EXAMINER
INITIALS**RECEIVED**

MAY 24 2002

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EXAMINER: _____

DATE CONSIDERED: _____

*EXAMINER:

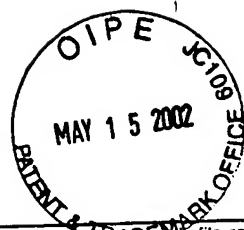
Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)



Applicant's file reference 27951-0009	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/CA 01/01550	International filing date (day/month/year) 02/11/2001	(Earliest) Priority Date (day/month/year) 03/11/2000
Applicant KEMESTRIE INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.
☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:
- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).
3. ☐ Unity of Invention is lacking (see Box II).

4. With regard to the **title**,

- ☐ the text is approved as submitted by the applicant.
- ☒ the text has been established by this Authority to read as follows:

PROCESS FOR PRODUCING LOW DP MICROCRYSTALLINE CELLULOSE

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant.
- ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

- ☐ as suggested by the applicant.
- ☐ because the applicant failed to suggest a figure.
- ☐ because this figure better characterizes the invention.

☒ None of the figures.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 01/01550

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D21C9/00

MAY 15 2002

According to International Patent Classification (IPC) to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 D21C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
------------	--	-----------------------

X

WO 99 60027 A (JOLLEZ PAUL ;KEMESTRIE INC
(CA); CHORNET ESTEBAN (CA))
25 November 1999 (1999-11-25)
claims

1-5

Y

DATABASE WPI
Section Ch, Week 199416
Derwent Publications Ltd., London, GB;
Class A11, AN 1994-133006
XP002192652
& SU 1 792 942 A (AS LATV WOOD CHEM INST),
7 February 1993 (1993-02-07)
abstract

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EP 0 170 530 A (DELONG EDWARD A)
5 February 1986 (1986-02-05)
the whole document

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

11 March 2002

Date of mailing of the international search report

03/04/2002

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Naeslund, P

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA 01/01550

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DATABASE WPI Section Ch, Week 199524 Derwent Publications Ltd., London, GB; Class A11, AN 1995-183046 XP002192653 & JP 07 102074 A (ASAHI KASEI KOGYO KK), 18 April 1995 (1995-04-18) abstract ---	1
Y	DATABASE WPI Section Ch, Week 199802 Derwent Publications Ltd., London, GB; Class A60, AN 1998-014669 XP002192654 & JP 09 278674 A (ASAHI KASEI KOGYO KK), 28 October 1997 (1997-10-28) abstract ---	1
A	CA 2 137 890 A (AKZO NOBEL NV) 14 June 1995 (1995-06-14) cited in the application examples ---	1-13
A	CA 1 198 703 A (LONG EDWARD A DE) 31 December 1985 (1985-12-31) cited in the application abstract -----	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA 01/01550

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9960027	A	25-11-1999	WO 9960027 A1	25-11-1999
			AU 7421698 A	06-12-1999
			EP 1082348 A1	14-03-2001
SU 1792942	A	07-02-1993	SU 1792942 A1	07-02-1993
EP 0170530	A	05-02-1986	CA 1198703 A1	31-12-1985
			AT 44770 T	15-08-1989
			DE 3571649 D1	24-08-1989
			EP 0170530 A2	05-02-1986
			JP 5082844 B	22-11-1993
			JP 61106601 A	24-05-1986
			US 4645541 A	24-02-1987
JP 7102074	A	18-04-1995	NONE	
JP 9278674	A	28-10-1997	NONE	
CA 2137890	A	14-06-1995	DE 4342442 A1	14-06-1995
			BR 9404978 A	08-08-1995
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			EP 0657472 A1	14-06-1995
			FI 945856 A	14-06-1995
			JP 7206901 A	08-08-1995
			US 5543511 A	06-08-1996
CA 1198703	A	31-12-1985	CA 1198703 A1	31-12-1985
			AT 44770 T	15-08-1989
			DE 3571649 D1	24-08-1989
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			JP 5082844 B	22-11-1993
			JP 61106601 A	24-05-1986
			US 4645541 A	24-02-1987